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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 13-06-2015**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Pot Hole Filling to Roads at Daaarahalli Surrounding Area in Ward No.06, Byatarayanapura Sub-Division}

Ref. : Letter No. AEE/BSD/BBMP/02/2015-16, dated 12-06-2015

Sample supplied to lab by: Assistant Executive Engineer,
Byatarayanapura Sub-Division,
BBMP, Bangalore

Name of the Contractor/Agency*: Sri.K.R.Srikantha, Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.00**	95-100
26.50	**---**	-
22.40	**70.00**	60-80
11.20	**52.30**	40-60
4.75	**36.00**	25-40
2.36	**26.00**	15-30
0.600	**17.20**	8-22
0.075	**5.10**	0-8

*As Furnished by Client

The Results relate only to the items tested

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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

11/6/2015
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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

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BUB/CTE/2015-16/

Date: 18-06-2015

1.Bituminous Concrete (40mm thick).

Sub: Testing of Bitumen Premix Sample.
{Project*: Pot Hole Filling to Roads at Daaarahalli Surrounding Area in Ward No.06, Byatarayanapura Sub-Division}

Ref. : Letter No. AEE/BSD/BBMP/02/2015-16, dated 16-06-2015

Sample supplied to lab by: Assistant Executive Engineer,
Byatarayanapura Sub-Division,
BBMP, Bangalore

Name of the Contractor/Agency*: Sri.K.R.Srikantha, Contractor, Bangalore.

B. Type of Construction: **Bituminous Concrete (40mm thick).**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.60 %**

2. Gradation Test

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-18 of MORTH Specfications-2001 BC (Grading – 2)
19.0	100	100
13.2	84.00	79-100
9.5	73.00	70-88
4.75	59.00	53-71
2.36	49.60	42-58
1.18	39.00	34-48
0.600	29.20	26-38
0.300	24.00	18-28
0.150	16.30	12-20
0.075	7.00	4-10

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